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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of

## Complete If Known

Application Number	09/997,501
Filing Date	December 4, 2000
First Named Inventor	Hayden
Art Unit	2858
Examiner Name	TBD
Attorney Docket Number	1016.0073

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code <sup>2</sup> (if known)			Class	Subclass
EK		US- 5,578,932	11/26/1998	Adamian		
		US- 5,748,506	5/5/1998	Bockelman		
		US- 6,064,218	5/16/2000	Godfrey et al.		
		US- 6,104,206	8/15/2000	Verkuil		
		US- 6,169,410	1/2/2001	Grace et al.		
		US- 20020005728	1/17/2002	Babson et al.		
		US- 6,404,213	6/11/2002	Node		
		US- 20020079911	6/27/2002	Schwindt et al.		
		US- 20020118034	8/29/2002	Laureanti		
		US- 6,529,844	3/4/2003	Kapetanac et al.		
		US- 6,643,597	11/4/2003	Dunsmore		
		US- 20040246004	12/9/2004	Heuermann		
		US- 20050030047	2/10/2005	Adamian		

## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Foreign Patent Document	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			Class	Subclass
EK		JP 2124469	05/11/1990			
EK		JP 53037077	04/05/1978			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EK		QINGQING LIANG, ET AL., "Accurate ec Transistor Characterization to 110 GHz Using e New Four-port Self- Calibrated Extraction Technique," 2004 Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems, pp. 282-285, month unavailable, 2004	
EK		FRANCESC PURROY AND LLUIS PRADELL, "New Theoretical Analysis of the LRRM Calibration Technique for Vector Network Analyzers," IEEE Transactions on Instrumentation and Measurement, Vol. 50, No. 5, October 2001, pp.1307-1313.	

Examiner  
Signature

/Ernest Karlsen/

Date  
Considered

09/14/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	09/997,501
Filing Date	November 19, 2001
First Named Inventor	Hayden, et al.
Art Unit	2829
Examiner Name	TBD
Attorney Docket Number	1016.0073

Sheet 1 of 27

## U. S. PATENT DOCUMENTS

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EK		US-491,783	February 14, 1893	Moyer	Class Subclass
		US-2,389,668	November 27, 1945	Johnson	
		US-2,545,258	March 13, 1951	Cailloux	
		US-2,762,234	September 8, 1952	Dodd	
		US-2,901,696	August 25, 1959	Möllfors	
		US-2,921,276	January 12, 1960	Fubini	
		US-3,218,584	November 16, 1965	Ayer	
		US-3,262,593	July 26, 1966	Hainer	
		US-3,396,598	August 13, 1968	Grispo	
		US-3,401,126	September 10, 1968	Miller, et. al.	
		US-3,429,040	February 25, 1969	Miller	
		US-3,445,770	May 20, 1969	Harmon	
		US-4,541,222	November 17, 1970	Parks, et. al.	
		US-3,561,280	February 9, 1971	MacPhee, et. al.	
		US-3,573,617	April 6, 1971	Randolph, et. al.	
		US-3,596,228	July 27, 1971	Reed, et. al.	
		US-3,609,539	September 28, 1968	Gunthert	
		US-3,611,199	October 5, 1971	Safran	
		US-3,619,780	November 9, 1971	Hoeks	
		US-3,622,915	November 23, 1971	Davo	
		US-3,634,807	January 11, 1972	Grobe, et. al.	
		US-3,648,169	March 7, 1972	Wiesler	
		US-3,654,585	April 4, 1972	Wickersham	
		US-3,662,318	May 9, 1972	Decuyper	
		US-3,680,037	July 25, 1972	Nellis, et. al.	
		US-3,686,624	August 22, 1972	Napoli, et. al.	
		US-3,700,998	October 24, 1972	Lec, et. al.	
		US-3,705,379	December 5, 1972	Bogar	
		US-3,725,829	April 3, 1973	Brown	
		US-3,740,900	June 26, 1973	Youmans, et. al.	
		US-3,766,470	October 16, 1973	Hay, et. al.	
		US-3,806,801	April 23, 1974	Bove	
		US-3,810,016	May 7, 1974	Chayka, et. al.	
		US-3,829,076	August 13, 1974	Sofy	

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				Application Number	09/997,501
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				First Named Inventor	Hayden-et al.
				Art Unit	2829
				Examiner Name	TBD
Sheet	2	of	27	Attorney Docket Number	1016.0073

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EK		US-3,833,852	September 3, 1974	Schoch		
		US-3,839,672	October 1, 1974	Anderson		
		US-3,849,728	November 19, 1974	Evans		
		US-3,862,790	January 28, 1975	Davies, et. al.		
		US-3,867,698	February 18, 1975	Beltz, et. al.		
		US-3,930,809	January 6, 1976	Evans		
		US-3,936,743	February 3, 1976	Roch		
		US-3,952,156	April 20, 1976	Lahr		
		US-3,971,610	July 27, 1976	Buchoff, et. al.		
		US-3,992,073	November 16, 1976	Buchoff, et. al.		
		US-4,001,685	January 4, 1977	Roch		
		US-4,008,900	February 22, 1977	Khoshaba		
		US-4,009,456	February 22, 1977	Hopfer		
		US-4,027,935	June 7, 1977	Bymes, et. al.		
		US-4,035,723	July 19, 1977	Kvatemik		
		US-4,038,599	July 26, 1977	Bove, et. al.		
		US-4,038,894	August 2, 1977	Knibbe, et. al.		
		US-4,049,252	September 20, 1977	Bell		
		US-4,063,195	December 13, 1977	Abrams, et. al.		
		US-4,066,943	January 3, 1978	Roch		
		US-4,074,201	February 14, 1978	Lennon		
		US-4,116,523	September 26, 1978	Coberly		
		US-4,123,706	October 31, 1978	Roch		
		US-4,124,787	November 7, 1978	Aamoth, et. al.		
		US-4,151,465	April 24, 1979	Lenz		
		US-4,161,692	July 17, 1979	Tarzwil		
		US-4,177,421	December 4, 1979	Thornburg		
		US-4,184,133	January 15, 1980	Gehle		
		US-4,184,729	January 22, 1980	Parks, et. al.		
		US-4,216,467	August 5, 1980	Colston		
		US-4,225,819	September 30, 1980	Grau, et. al.		
		US-4,232,398	November 4, 1980	Gould, et. al.		
		US-4,251,772	February 17, 1981	Worsham, et. al.		
		US-4,280,112	July 21, 1981	Eisenhart		

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete if Known

Application Number 09/997,501  
Filing Date November 19, 2001  
First Named Inventor Hayden et al.  
Art Unit 2829  
Examiner Name TBD  
Attorney Docket Number 1016.0073

Sheet 3 of 27

## U. S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear
EK		US-4,284,033	August 18, 1981	del Rio	
		US-4,287,473	September 1, 1981	Sawyer	
		US-4,302,146	November 24, 1981	Finlayson, et. al.	
		US-4,306,235	December 15, 1981	Christmann	
		US-4312,117	January 26, 1982	Robillard, et. al.	
		US-4,340,860	July 20, 1982	Teeple, Jr.	
		US-4,346,355	August 24, 1982	Tsukii	
		US-4,375,631	March 1, 1983	Goldberg	
		US-4,641,659	February 10, 1987	Sepponen	
		US-4,646,005	February 24, 1987	Ryan	
		US-4,649,339	March 10, 1987	Grangroth, et. al.	
		US-4,652,082	March 24, 1987	Warner	
		US-4,663,840	May 12, 1987	Ubbens, et. al.	
		US-4,669,805	June 2, 1987	Kosugi, et. al.	
		US-4,673,839	June 16, 1987	Veenendaal	
		US-4,684,883	August 4, 1987	Ackerman, et. al.	
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		US-4,685,150	August 4, 1987	Maier	
		US-4,696,544	September 29, 1987	Costella	
		US-4,697,143	September 29, 1987	Lockwood, et. al.	
		US-4,705,447	November 10, 1987	Smith	
		US-4,706,050	November 10, 1987	Andrews	
		US-4,707,657	November 17, 1987	Baegh-Petersen	
		US-4,714,873	December 22, 1987	McPherson, et. al.	
		US-4,727,319	February 23, 1988	Shahriary	
		US-4,727,391	February 23, 1988	Tajima, et. al.	
		US-4,727,637	March 1, 1988	Buckwitz, et. al.	
		US-4,734,641	March 29, 1988	Byrd, Jr., et. al.	
		US-4,739,259	April 19, 1988	Hadwin, et. al.	
		US-4,740,764	April 26, 1988	Gerlack	
		US-4,746,857	May 24, 1988	Sakai, et. al.	
		US-4,749,942	June 7, 1988	Sang, et. al.	
		US-4,755,742	July 5, 1988	Mallory, et. al.	
		US-4,755,872	July 5, 1988	Esrig, et. al.	

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				First Named Inventor	Hayden et al.
				Art Unit	2829
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Sheet	4	of	27	Attorney Docket Number	1016.0073

U. S. PATENT DOCUMENTS						
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EK		US-4,757,255	July 12, 1988	Margozzi		
		US-4,764,723	August 16, 1988	Strid		
		US-4,772,846	September 20, 1988	Reeds		
		US-4,780,670	October 25, 1988	Cherry		
		US-4,783,625	November 8, 1988	Harry, et. al.		
		US-4,788,851	December 6, 1988	Brault		
		US-4,791,363	December 3, 1988	Logan		
		US-4,793,814	December 27, 1988	Zifcak, et. al.		
		US-4,795,962	January 3, 1989	Yanagawa, et. al.		
		US-4,805,627	February 21, 1989	Klingenbeck, et. al.		
		US-4,810,981	March 7, 1989	Herstein		
		US-4,818,059	April 4, 1989	Kakii, et. al.		
		US-4,827,211	May 2, 1989	Strid, et. al.		
		US-4,835,495	May 30, 1989	Simonutti		
		US-4,837,507	June 6, 1989	Hechtman		
		US-4,849,689	July 18, 1989	Gleason, et. al.		
		US-4,853,624	August 1, 1989	Rabjohn		
		US-4,853,627	August 1, 1989	Gleason, et. al.		
		US-4,858,160	August 15, 1989	Strid, et. al.		
		US-4,864,227	September 5, 1989	Sato		
		US-4,871,964	October 3, 1989	Boll, et. al.		
		US-4,888,550	December 19, 1989	Reid		
		US-4,891,584	January 2, 1990	Kamieniecki, et. al.		
		US-4,893,914	January 16, 1990	Hancock, et. al.		
		US-4,894,612	January 16, 1990	Drake, et. al.		
		US-4,899,126	February 6, 1990	Yamada		
		US-4,899,998	February 13, 1990	Feramachi		
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		US-4,904,933	February 27, 1990	Snyder, et. al.		
		US-4,906,920	March 6, 1990	Huff, et. al.		
		US-4,908,570	March 13, 1990	Gupta, et. al.		
		US-4,912,399	March 27, 1990	Greub, et. al.		
		US-4,916,002	April 10, 1990	Carver		
		US-4,918,373	April 17, 1990	Newberg		

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EK		US-4,918,383	April 17, 1990	Huff, et. al.		
		US-4,922,186	May 1, 1990	Tsuchiya, et. al.		
		US-4,922,912	May 8, 1990	Watanabe		
		US-4,926,172	May 15, 1990	Gorsek		
		US-4,970,386	November 13, 1990	Buck		
		US-4,972,073	November 20, 1990	Lessing		
		US-4,975,638	December 4, 1990	Evans, et. al.		
		US-4,980,637	December 25, 1990	Huff, et. al.		
		US-4,983,910	January 8, 1991	Majidi-Ahy, et. al.		
		US-4,987,100	January 22, 1991	McBride, et. al.		
		US-4,988,062	January 29, 1991	London		
		US-4,991,290	February 12, 1991	MacKay		
		US-4,998,062	March 5, 1991	Ikeda		
		US-4,998,063	March 5, 1991	Miller		
		US-5,001,423	March 19, 1991	Abrami		
		US-5,003,253	March 26, 1991	Majidi-Ahy, et. al.		
		US-5,020,219	June 4, 1991	Leedy		
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		US-5,030,907	July 9, 1991	Yih, et. al.		
		US-5,045,781	September 3, 1991	Gleason, et. al.		
		US-5,059,898	October 22, 1991	Barsotti, et. al.		
		US-5,061,192	October 29, 1991	Chapin, et. al.		
		US-5,062,628	December 3, 1991	Crumly		
		US-5,089,774	February 18, 1992	Nakano		
		US-5,091,692	February 25, 1992	Ohno, et. al.		
		US-5,097,101	March 17, 1992	Trobough		
		US-5,097,207	March 17, 1992	Blanz		
		US-5,101,453	March 31, 1992	Rumbaugh		
		US-5,116,180	May 26, 1992	Fung, et. al.		
		US-5,126,286	June 30, 1992	Chance		
		US-5,126,696	June 30, 1992	Grote, et. al.		
		US-5,133,119	July 28, 1992	Afshari, et. al.		
		US-5,134,365	July 28, 1992	Okubo, et. al.		
		US-5,136,237	August 4, 1992	Smith, et. al.		

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EK		US-5,138,289	August 11, 1992	McGrath	
		US-5,145,552	September 8, 1992	Yoshizawa, et. al.	
		US-5,148,131	September 15, 1992	Amboss, et. al.	
		US-5,159,264	October 27, 1992	Anderson	
		US-5,159,267	October 27, 1992	Anderson	
		US-5,159,752	November 3, 1992	Mahant-Shetti, et. al.	
		US-5,172,050	December 15, 1992	Swapp	
		US-5,172,051	December 15, 1992	Zamborelli	
		US-5,177,438	January 5, 1993	Littlebury, et. al.	
		US-5,180,977	January 19, 1993	Huff	
		US-5,202,558	April 13, 1993	Barker	
		US-5,202,648	April 13, 1993	McCandless	
		US-5,207,585	May 4, 1993	Byrnes, et. al.	
		US-5,225,037	July 6, 1993	Eldu, et. al.	
		US-5,232,789	August 3, 1993	Platz, et. al.	
		US-5,233,197	August 3, 1993	Bowman, et. al.	
		US-5,266,963	November 30, 1993	Carter	
		US-5,267,088	November 30, 1993	Nomura	
		US-5,270,664	December 14, 1993	McMurty, et. al.	
		US-5,274,336	December 28, 1993	Crook, et. al.	
		US-5,289,117	February 22, 1994	Van Loan, et. al.	
		US-5,293,175	March 8, 1994	Hemmic, et. al.	
		US-5,298,972	March 29, 1994	Heffner	
		US-5,313,157	May 17, 1994	Pasiecznik, Jr.	
		US-5,315,237	May 24, 1994	Iwakura, et. al.	
		US-5,316,435	May 31, 1994	Monzingo	
		US-5,317,656	May 31, 1994	Moslehi, et. al.	
		US-5,321,352	June 14, 1994	Takebuchi	
		US-5,321,453	June 14, 1994	Mori, et. al.	
		US-5,326,412	July 5, 1994	Schreiber, et. al.	
		US-5,334,931	August 2, 1994	Clarke, et. al.	
		US-5,347,204	September 13, 1994	Gregory, et. al.	
		US-5,335,079	October 11, 1994	Evans, et. al.	
		US-5,360,312	November 1, 1994	Mozingo	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/997,501
				Filing Date	November 19, 2001
				First Named Inventor	Hayden et al. ....
				Art Unit	2829
				Examiner Name	TBD
Sheet	7	of	27	Attorney Docket Number	1016.0073

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Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear <i>Sub-lens</i>
EK		US-5,361,049	November 1, 1994	Rubin, et. al.	
		US-5,367,165	November 22, 1994	Toda, et. al.	
		US-5,371,654	December 6, 1994	Beaman, et. al.	
		US-5,373,231	December 13, 1994	Boll, et. al.	
		US-5,376,790	December 27, 1994	Linker, et. al.	
		US-5,383,787	January 24, 1995	Switky, et. al.	
		US-5,389,885	February 14, 1995	Swart	
		US-5,395,253	March 7, 1995	Crumly	
		US-5,404,111	April 4, 1995	Mori, et. al.	
		US-5,408,189	April 18, 1995	Swart, et. al.	
		US-5,412,330	May 2, 1995	Ravel, et. al.	
		US-5,412,866	May 9, 1995	Woith, et. al.	
		US-5,414,565	May 9, 1995	Sullivan, et. al.	
		US-5,430,813	July 4, 1995	Anderson, et. al.	
		US-5,441,690	August 15, 1995	Ayala-Esquilin, et. al.	
		US-5,453,404	September 26, 1995	Leedy	
		US-5,463,324	October 31, 1995	Wardwell, et. al.	
		US-5,467,024	November 14, 1995	Swapp	
		US-5,475,316	December 12, 1995	Hurley, et. al.	
		US-5,476,211	December 19, 1995	Khandros	
		US-5,479,108	December 26, 1995	Cheng	
		US-5,479,109	December 26, 1995	Lau, et. al.	
		US-5,481,196	January 2, 1996	Nosov	
		US-5,481,936	January 9, 1996	Yanagisawa	
		US-5,487,999	January 30, 1996	Farnworth	
		US-5,493,236	February 20, 1996	Ishii, et. al.	
		US-5,505,150	April 9, 1996	James, et. al.	
		US-5,506,515	April 9, 1996	Godshalk, et. al.	
		US-5,507,652	April 16, 1996	Wardwell	
		US-5,517,126	May 14, 1996	Yamaguchi	
		US-5,521,518	May 28, 1996	Higgins	
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		US-5,523,694	June 4, 1996	Cole, Jr.	
✓		US-5,530,372	June 25, 1996	Lee, et. al.	

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				Art Unit	2829
				Examiner Name	TBD
Sheet	8	of	27	Attorney Docket Number	1016.0073

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EK		US-5,531,022	July 2, 1996	Beaman, et. al.		
		US-5,532,608	July 2, 1996	Behfar-Rad, et. al.		
		US-5,527,372	July 16, 1996	Albrecht, et. al.		
		US-5,550,481	August 27, 1996	Holmes, et. al.		
		US-5,565,788	October 15, 1996	Burr, et. al.		
		US-5,571,324	November 5, 1996	Sago, et. al.		
		US-5,578,932	November 26, 1996	Adamian		
		US-5,584,120	December 17, 1996	Roberts		
		US-5,589,781	December 31, 1996	Higgins, et. al.		
		US-5,594,358	January 14, 1997	Ishikawa, et. al.		
		US-5,601,740	February 11, 1997	Eldridge, et. al.		
		US-5,610,529	March 11, 1997	Schwindt		
		US-5,611,008	March 11, 1997	Yap		
		US-5,617,035	April 1, 1997	Swapp		
		US-5,621,333	April 15, 1997	Long, et. al.		
		US-5,621,400	April 15, 1997	Corbi		
		US-5,623,213	April 22, 1997	Liu, et. al.		
		US-5,623, 214	April 22, 1997	Pasiecznik, Jr.		
		US-5,627,473	May 6, 1997	Takami		
		US-5,633,780	May 27, 1997	Cronin		
		US-5,635,846	June 3, 1997	Beaman, et. al.		
		US-5,642,298	June 24, 1997	Mallory, et. al.		
		US-5,644,248	July 1, 1997	Fujimoto		
		US-5,656,942	August 12, 1997	Watts, et. al.		
		US-5,659,421	August 19, 1997	Rahmel, et. al.		
		US-5,666,063	September 9, 1997	Abercrombie, et. al.		
		US-5,669,316	September 23, 1997	Faz, et. al.		
		US-5,670,888	September 23, 1997	Cheng		
		US-5,612,816	September 30, 1997	Park, et. al.		
		US-5,675,499	October 7, 1997	Lee, et. al.		
		US-5,676,360	October 14, 1997	Boucher, et. al.		
		US-5,685,232	November 11, 1997	Inoue		
		US-5,686,317	November 11, 1997	Akram, et. al.		
		US-5,688,618	November 18, 1997	Hulderman, et. al.		

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Application Number 09/997,501

Filing Date November 19, 2001

First Named Inventor Hayden et al.

Art Unit 2829

Examiner Name TBD

Attorney Docket Number 1016.0073

Sheet 9 of 27

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Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear
EK		US-5,700,844	December 23, 1997	Hederick, et. al.	
		US-5,704,355	January 6, 1998	Bridges	
		US-5,715,819	February 10, 1998	Svenson, et. al.	
		US-5,720,098	February 24, 1998	Kister	
		US-5,723,347	March 3, 1998	Kirano, et. al.	
		US-5,726,211	March 10, 1998	Hedrick, et. al.	
		US-5,728,091	March 17, 1998	Payne, et. al.	
		US-5,729,150	March 17, 1998	Schwindt	
		US-5,731,920	March 24, 1998	Katsuragawa	
		US-5,742,174	April 21, 1998	Kister, et. al.	
		US-5,748,506	May 5, 1998	Bockelman	
		US-5,756,021	May 26, 1998	Bedrick, et. al.	
		US-5,756,908	May 26, 1998	Knollmeyer, et. al.	
		US-5,767,690	June 16, 1998	Fujimoto	
		US-5,772,451	June 30, 1998	Dozier II, et. al.	
		US-5,773,780	June 30, 1998	Eldridge, et. al.	
		US-5,777,485	July 7, 1998	Tanaka, et. al.	
		US-5,785,538	July 28, 1998	Beaman, et. al.	
		US-5,794,133	August 11, 1998	Kashima	
		US-5,803,607	September 8, 1998	Jones, et. al.	
		US-5,804,607	September 8, 1998	Hedrick, et. al.	
		US-5,804,982	September 8, 1998	Lo, et. al.	
		US-5,804,483	September 8, 1998	Nakajima, et. al.	
		US-5,806,181	September 15, 1998	Khandros, et. al.	
		US-5,810,607	September 22, 1998	Shih, et. al.	
		US-5,811,751	September 22, 1998	Leona, et. al.	
		US-5,811,982	September 22, 1998	Beaman, et. al.	
		US-5,813,847	September 29, 1998	Eroglu, et. al.	
		US-5,814,847	September 29, 1998	Shihadeh, et. al.	
		US-5,820,014	October 13, 1998	Dozier II, et. al.	
		US-5,821,763	October 13, 1998	Beaman, et. al.	
		US-5,829,128	November 3, 1998	Eldridge, et. al.	
		US-5,829,437	November 3, 1998	Bridges	
		US-5,831,442	November 3, 1998	Heigl	

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Application Number	09/997,501
Filing Date	November 19, 2001
First Named Inventor	Hayden-et al.
Art Unit	2829
Examiner Name	TBD
Attorney Docket Number	1016.0073

Sheet 10 of 27

## U. S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear
EK		US-5,832,601	November 10, 1998	Eldridge, et. al.	
		US-5,838,160	November 17, 1998	Beaman, et. al.	
		US-5,841,288	November 24, 1998	Meancy, et. al.	
		US-5,841,342	November 24, 1998	Hegmann, et. al.	
		US-5,852,871	December 29, 1998	Khandros	
		US-5,864,946	February 2, 1998	Eldridge, et. al.	
		US-5,869,974	February 9, 1998	Akram, et. al.	
		US-5,876,082	March 2, 1999	Kempf, et. al.	
		US-5,878,486	March 9, 1999	Eldridge, et. al.	
		US-5,897,289	March 9, 1999	Yarush, et. al.	
		US-5,883,522	March 16, 1999	O'Boyle	
		US-5,884,398	March 23, 1999	Eldridge, et. al.	
		US-5,892,539	April 6, 1999	Colvin	
		US-5,896,038	April 20, 1999	Budnaitis, et. al.	
		US-5,900,737	May 4, 1999	Graham, et. al.	
		US-5,900,738	May 4, 1999	Khandros, et. al.	
		US-5,905,421	May 18, 1999	Oldfield	
		US-5,912,046	June 15, 1999	Eldridge, et. al.	
		US-5,914,613	June 22, 1999	Gleason, et. al.	
		US-5,914,614	June 22, 1999	Beaman, et. al.	
		US-5,917,707	June 29, 1999	Khandros, et. al.	
		US-5,923,180	July 13, 1999	Botka, et. al.	
		US-5,926,029	July 20, 1999	Ference, et. al.	
		US-5,926,951	July 27, 1999	Khandros, et. al.	
		US-5,944,093	August 31, 1999	Viswanath	
		US-5,945,836	August 31, 1999	Sayre, et. al.	
		US-5,959,461	September 28, 1999	Brown, et. al.	
		US-5,963,364	October 5, 1999	Leong, et. al.	
		US-5,970,429	October 19, 1999	Martin	
		US-5,973,504	October 26, 1999	Chong	
		US-5,974,662	November 2, 1999	Eldridge, et. al.	
		US-5,982,166	November 9, 1999	Mautz	
		US-5,983,493	November 16, 1999	Eldridge, et. al.	
		US-5,994,152	November 30, 1999	Khandros, et. al.	

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Application Number 09/997,501

Filing Date November 19, 2001

First Named Inventor Hayden et al.

Art Unit 2829

Examiner Name TBD

Attorney Docket Number 1016.0073

Sheet

11

of

27

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EK		US-5,998,228	December 7, 1999	Eldridge, et. al.	
		US-5,998,864	December 7, 1999	Khandros, et. al.	
		US-5,999,268	December 7, 1999	Yonezawa, et. al.	
		US-6,002,426	December 14, 1999	Back, et. al.	
		US-6,006,002	December 21, 1999	Motok, et. al.	
		US-6,023,103	February 8, 2000	Chang, et. al.	
		US-6,029,344	February 29, 2000	Khandros, et. al.	
		US-6,031,384	February 29, 2000	Streib, et. al.	
		US-6,032,356	March 7, 2000	Eldridge, et. al.	
		US-6,033,935	March 7, 2000	Dozier II, et. al.	
		US-6,034,533	March 7, 2000	Tervo, et. al.	
		US-6,040,739	March 21, 2000	Wedeen, et. al.	
		US-6,042,712	March 28, 2000	Mathieu	
		US-6,043,563	March 28, 2000	Eldridge, et. al.	
		US-6,046,599	April 4, 2000	Long, et. al.	
		US-6,049,216	April 11, 2000	Yang, et. al.	
		US-6,049,976	April 18, 2000	Khandros	
		US-6,050,829	April 18, 2000	Eldridge, et. al.	
		US-6,052,653	April 18, 2000	Mazur, et. al.	
		US-6,054,651	April 25, 2000	Fogel, et. al.	
		US-6,059,982	May 9, 2000	Palagonia, et. al.	
		US-6,060,888	May 9, 2000	Blackham, et. al.	
		US-6,061,589	May 9, 2000	Bridges, et. al.	
		US-6,062,879	May 16, 2000	Beaman, et. al.	
		US-6,064,213	May 16, 2000	Khandros, et. al.	
		US-6,064,217	May 16, 2000	Smith	
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		US-6,071,009	June 6, 2000	Clyne	
		US-6,078,183	June 20, 2000	Cole, Jr.	
		US-6,078,500	June 20, 2000	Beaman, et. al.	
		US-6,090,261	July 18, 2000	Mathieu	
		US-6,091,256	July 18, 2000	Long, et. al.	
		US-6,096,561	August 1, 2000	Kaplan, et. al.	
		US-6,104,201	August 15, 2000	Beaman, et. al.	

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				Examiner Name	TBD
Sheet	12	of	27	Attorney Docket Number	1016.0073

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EK		US-6,104,206	August 15, 2000	Verkull		
		US-6,110,823	August 29, 2000	Eldridge, et. al.		
		US-6,114,864	September 5, 2000	Soejima, et. al.		
		US-6,118,287	September 12, 2000	Boll, et. al.		
		US-6,118,894	September 12, 2000	Schwartz, et. al.		
		US-6,124,725	September 26, 2000	Sato		
		US-6,127,831	October 3, 2000	Khoury, et. al.		
		US-6,130,536	October 10, 2000	Powell, et. al.		
		US-6,150,186	November 21, 2000	Chen, et. al.		
		US-6,168,974	January 2, 2001	Chang, et. al.		
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		US-6,172,337	January 9, 2001	Johnsgard, et. al.		
		US-6,174,744	January 16, 2001	Watanabe, et. al.		
		US-6,175,228	January 16, 2001	Zamborelli, et. al.		
		US-6,181,144	January 30, 2001	Hembree, et. al.		
		US-6,181,149	January 30, 2001	Godfrey, et. al.		
		US-6,181,416	January 30, 2001	Falk		
		US-6,184,053	February 6, 2001	Eldridge, et. al.		
		US-6,184,587	February 6, 2001	Khandros, et. al.		
		US-6,191,596	February 20, 2001	Abiko		
		US-6,206,273	March 27, 2001	Beaman, et. al.		
		US-6,208,225	March 27, 2001	Miller		
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		US-6,215,295	April 10, 2001	Smith, III		
		US-6,215,670	April 10, 2001	Khandros		
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		US-6,222,031	April 24, 2001	Wakabayashi, et. al.		
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		US-6,229,327	May 8, 2001	Boll, et. al.		
		US-6,232,149	May 15, 2001	Dozier II, et. al.		
		US-6,232,787	May 15, 2001	Lo, et. al.		
		US-6,232,789	May 15, 2001	Schwindt		
↓		US-6,233,613	May 15, 2001	Walker, et. al.	↓	Y

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/997,501
				Filing Date	November 19, 2001
				First Named Inventor	-Hayden et al.
				Art Unit	2829
				Examiner Name	TBD
Sheet	13	of	27	Attorney Docket Number	1016.0073

U. S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear	
EK		US-6,242,803	June 5, 2001	Khandros, et. al.		
		US-6,246,247	June 12, 2001	Eldridge, et. al.		
		US-6,255,126	July 3, 2001	Mathieu, et. al.		
		US-6,256,882	July 10, 2001	Gleason, et. al.		
		US-6,257,565	July 10, 2001	Avneri, et. al.		
		US-6,268,015	July 31, 2001	Mathieu, et. al.		
		US-6,268,016	July 31, 2001	Bhatt, et. al.		
		US-6,271,673	August 7, 2001	Furuta, et. al.		
		US-6,274,823	August 14, 2001	Khandros, et. al.		
		US-6,275,043	August 14, 2001	Mühlberger, et. al.		
		US-6,275,738	August 14, 2001	Kasevich, et. al.		
		US-6,278,051	August 21, 2001	Peabody		
		US-6,281,691	August 28, 2001	Matsunaga, et. al.		
		US-6,286,208	September 11, 2001	Shih, et. al.		
		US-6,295,729	October 2, 2001	Beaman, et. al.		
		US-6,300,775	October 9, 2001	Peach, et. al.		
		US-6,300,780	October 9, 2001	Beaman, et. al.		
		US-6,307,161	October 23, 2001	Grube, et. al.		
		US-6,307,363	October 23, 2001	Anderson		
		US-6,307,672	October 23, 2001	DeNure		
		US-6,310,483	October 30, 2001	Taura, et. al.		
		US-6,320,372	November 20, 2001	Keller		
		US-6,320,396	November 20, 2001	Nikawa		
		US-6,327,034	December 4, 2001	Hoover, et. al.		
		US-6,329,827	December 11, 2001	Beaman, et. al.		
		US-6,330,164	December 11, 2001	Khandros, et. al.		
		US-6,332,270	December 25, 2001	Beaman, et. al.		
		US-6,334,247	January 1, 2002	Beaman, et. al.		
		US-6,339,338	January 15, 2002	Eldridge, et. al.		
		US-6,340,895	January 22, 2002	Uher, et. al.		
		US-6,351,885	March 5, 2002	Suzuki, et. al.		
		US-6,352,454	March 5, 2002	Kim, et. al.		
		US-6,384,614	May 7, 2002	Hager, et. al.		
		US-6,384,615	May 7, 2002	Schwindt		

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				Filing Date	November 19, 2001	
				First Named Inventor	Hayden, et. al.	
				Art Unit	2829	
				Examiner Name	TBD	
Sheet	14	of	27	Attorney Docket Number		1016.0073

U. S. PATENT DOCUMENTS						
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EK		US-6,396,296	May 28, 2002	Tarter, et. al.		
		US-6,396,298	May 28, 2002	Young, et. al.		
		US-6,400,168	June 4, 2002	Matsunaga, et. al.		
		US-6,404,213	June 11, 2002	Noda		
		US-6,407,562	June 18, 2002	Whiteman		
		US-6,415,858	July 9, 2002	Getchel, et. al.		
		US-6,429,029	August 6, 2002	Eldridge, et. al.		
		US-6,441,315	August 27, 2002	Eldridge, et. al.		
		US-6,442,831	September 3, 2002	Khandros, et. al.		
		US-6,448,788	September 10, 2002	Meaney, et. al.		
		US-6,448,865	September 10, 2002	Miller		
		US-6,452,406	September 17, 2002	Beaman, et. al.		
		US-6,452,411	September 17, 2002	Miller, et. al.		
		US-6,456,099	September 24, 2002	Eldridge, et. al.		
		US-6,456,103	September 24, 2002	Eldridge, et. al.		
		US-6,459,343	October 1, 2002	Miller		
		US-6,459,739	October 1, 2002	Vitenberg		
		US-6,468,098	October 22, 2002	Eldridge		
		US-6,475,822	November 5, 20-2	Eldridge		
		US-6,476,333	November 5, 2002	Khandros, et. al.		
		US-6,476,630	November 5, 2002	Whitten, et. al.		
		US-6,479,308	November 12, 2002	Eldridge		
		US-6,480,978	November 12, 2002	Roy, et. al.		
		US-6,481,939	November 19, 2002	Gillespie, et. al.		
		US-6,482,013	November 19, 2002	Eldridge, et. al.		
		US-6,483,327	November 19, 2002	Bruce, et. al.		
		US-6,488,405	December 3, 2002	Eppes, et. al.		
		US-6,490,471	December 3, 2002	Svenson, et. al.		
		US-6,491,968	December 10, 2002	Mathieu, et. al.		
		US-6,496,024	December 17, 2002	Schwindt		
		US-6,499,121	December 24, 2002	Roy, et. al.		
		US-6,501,343	December 31, 2002	Miller		
		US-6,509,751	January 21, 2003	Mathieu, et. al.		
		US-6,520,778	February 18, 2003	Eldridge, et. al.		

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Application Number	09/997,501
Filing Date	November 19, 2001
First Named Inventor	Hayden et al.
Art Unit	2829
Examiner Name	TBD
Attorney Docket Number	1016.0073

Sheet 15 of 27

## U. S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear <sup>3</sup>
EK		US-6,525,555	February 25, 2003	Khandros, et. al.	
		US-6,526,655	March 4, 2003	Beaman, et. al.	
		US-6,528,984	March 4, 2003	Beaman, et. al.	
		US-6,528,993	March 4, 2003	Shin, et. al.	
		US-6,529,844	March 4, 2003	Kapetanic, et. al.	
		US-6,534,856	March 18, 2003	Dozier II, et. al.	
		US-6,538,214	March 25, 2003	Khandros	
		US-6,538,538	March 25, 2003	Hreish, et. al.	
		US-6,539,531	March 25, 2003	Miller, et. al.	
		US-6,549,022	April 15, 2003	Cole, Jr., et. al.	
		US-6,549,106	April 15, 2003	Martin	
		US-6,551,884	April 22, 2003	Masuoka	
		US-6,559,671	May 6, 2003	Miller, et. al.	
		US-6,572,608	June 3, 2003	Lee, et. al.	
		US-6,573,702	June 3, 2003	Marcuse, et. al.	
		US-6,597,187	July 22, 2003	Eldridge, et. al.	
		US-6,603,323	August 5, 2003	Miller, et. al.	
		US-6,603,324	August 5, 2003	Eldridge, et. al.	
		US-6,605,941	August 12, 2003	Abe	
		US-6,605,951	August 12, 2003	Cowan	
		US-6,606,014	August 12, 2003	Miller	
		US-6,606,575	August 12, 2003	Miller	
		US-6,608,494	August 19, 2003	Bruce, et. al.	
		US-6,611,417	August 26, 2003	Chen	
		US-6,615,485	September 9, 2003	Eldridge, et. al.	
		US-6,616,966	September 9, 2003	Mathieu, et. al.	
		US-6,617,866	September 9, 2003	Ickes	
		US-6,621,082	September 16, 2003	Morita, et. al.	
		US-6,621,260	September 16, 2003	Eldridge, et. al.	
		US-6,622,103	September 16, 2003	Miller	
		US-6,624,648	September 23, 2003	Eldridge, et. al.	
		US-6,627,483	September 30, 2003	Ondricek, et. al.	
		US-6,627,980	September 30, 2003	Eldridge	
		US-6,628,503	September 30, 2003	Sogard	

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				Filing Date	November 19, 2001
				First Named Inventor	Hayden-et.al.
				Art Unit	2829
				Examiner Name	TBD
Sheet	16	of	27	Attorney Docket Number	1016.0073

U. S. PATENT DOCUMENTS						
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EK		US-6,633,174	October 14, 2003	Satya, et. al.		
		US-6,640,415	November 4, 2003	Eslamy, et. al.		
		US-6,640,432	November 4, 2003	Mathieu, et. al.		
		US-6,642,625	November 4, 2003	Dozier II, et. al.		
		US-6,643,597	November 4, 2003	Dunsmore		
		US-6,644,982	November 11, 2003	Ondricek, et. al.		
		US-6,646,520	November 11, 2003	Miller		
		US-6,655,023	December 2, 2003	Eldridge, et. al.		
		US-6,657,455	December 2, 2003	Eldridge, et. al.		
		US-6,661,316	December 9, 2003	Hreish, et. al.		
		US-6,664,628	December 16, 2003	Khandros, et. al.		
		US-6,669,489	December 30, 2003	Dozier II, et. al.		
		US-6,672,875	January 6, 2004	Mathieu, et. al.		
		US-6,677,744	January 13, 2004	Long		
		US-6,678,850	January 13, 2004	Roy, et. al.		
		US-6,678,876	January 13, 2004	Stevens, et. al.		
		US-6,680,659	January 20, 2004	Miller		
		US-6,685,817	February 3, 2004	Mathieu		
		US-6,686,754	February 3, 2004	Miller		
		US-6,690,185	February 10, 2004	Khandros, et. al.		
		US-6,710,265	March 2, 2004	Hill, et. al.		
		US-6,701,612	March 9, 2004	Khandros, et. al.		
		US-6,708,403	March 23, 2004	Beaman, et. al.		
		US-6,710,798	March 23, 2004	Hershel, et. al.		
		US-6,713,374	March 30, 2004	Eldridge, et. al.		
		US-6,714,828	March 30, 2004	Eldridge, et. al.		
		US-6,717,426	April 6, 2004	Iwasaki		
		US-6,720,501	April 13, 2004	Henson		
		US-6,722,032	April 20, 2004	Beaman, et. al.		
		US-6,724,205	April 20, 2004	Hayden, et. al.		
		US-6,724,928	April 20, 2004	Davis		
		US-6,727,579	April 27, 2004	Eldridge, et. al.		
		US-6,727,580	April 27, 2004	Eldridge, et. al.		
		US-6,727,716	April 27, 2004	Sharif		

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

## Complete if Known

Sheet	17	of	27	Application Number	09/997,501
				Filing Date	November 19, 2001
				First Named Inventor	Hayden-et al.
				Art Unit	2829
				Examiner Name	TBD
				Attorney Docket Number	1016.0073

## U. S. PATENT DOCUMENTS

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EK		US-6,729,019	May 4, 2004	Grube, et. al.		
		US-6,734,687	May 11, 2004	Ishitani, et. al.		
		US-6,741,085	May 25, 2004	Khandros, et. al.		
		US-6,741,092	May 25, 2004	Eldridge, et. al.		
		US-6,744,268	June 1, 2004	Hollman		
		US-6,753,679	June 22, 2004	Kwong, et. al.		
		US-6,759,311	July 6, 2004	Eldridge, et. al.		
		US-6,764,869	July 20, 2004	Eldridge, et. al.		
		US-6,771,806	August 3, 2004	Satya, et. al.		
		US-6,777,319	August 17, 2004	Grube, et. al.		
		US-6,778,406	August 17, 2004	Eldridge, et. al.		
		US-6,780,001	August 24, 2004	Eldridge, et. al.		
		US-6,784,674	August 31, 2004	Miller		
		US-6,784,677	August 31, 2004	Miller		
		US-6,784,679	August 31, 2004	Sweet, et. al.		
		US-6,788,093	September 7, 2004	Aitren, et. al.		
		US-6,788,094	September 7, 2004	Khandros, et. al.		
		US-6,791,176	September 14, 2004	Mathieu, et. al.		
		US-6,798,225	September 28, 2004	Miller		
		US-6,798,226	September 28, 2004	Altmann, et. al.		
		US-6,806,724	October 19, 2004	Hayden, et. al.		
		US-6,807,734	October 26, 2004	Eldridge, et. al.		
		US-6,811,406	November 2, 2004	Grube		
		US-6,812,691	November 2, 2004	Miller		
		US-6,815,963	November 9, 2004	Gleason, et. al.		
		US-6,816,031	November 9, 2004	Miller		
		US-6,816,840	November 9, 2004	Goodwin, III		
		US-6,817,052	November 16, 2004	Grube		
		US-6,818,840	November 16, 2004	Khandros		
		US-6822,529	November 23, 2004	Miller		
		US-6,825,052	November 30, 2004	Eldridge, et. al.		
		US-6,825,422	November 30, 2004	Eldridge, et. al.		
		US-6,827,582	December 7, 2004	Mathieu, et. al.		
		US-6,835,898	December 28, 2004	Eldridge, et. al.		

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				Filing Date	November 19, 2001
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				Art Unit	2829
				Examiner Name	TBD
Sheet	18	of	27	Attorney Docket Number	1016.0073

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EK		US-6,836,962	January 4, 2005	Khandros, et. al.	Class	Subclass
		US-6,838,885	January 4, 2005	Kamitani		
		US-6,838,893	January 4, 2005	Khandros, et. al.		
		US-6,839,964	January 11, 2005	Henson		
		US-6,845,491	January 18, 2005	Miller, et. al.		
		US-6,850,082	February 1, 2005	Schwindt		
		US-6,856,150	February 15, 2005	Sporck, et. al.		
		US-6,862,727	March 1, 2005	Stevens		
		US-6,864,105	March 8, 2005	Grube, et. al.		
		US-6,864,694	March 8, 2005	McTigue		
		US-6,870,381	March 22, 2005	Grube		
		US-6,882,239	April 19, 2005	Miller		
		US-6,882,546	April 19, 2005	Miller		
		US-6,887,723	May 3, 2005	Ondricek, et. al.		
		US-6,888,362	May 3, 2005	Eldridge, et. al.		
		US-6,891,385	May 10, 2005	Miller		
		US-6,900,647	May 31, 2005	Yoshida, et. al.		
		US-6,900,652	May 31, 2005	Mazur		
		US-6,900,653	May 31, 2005	Yu, et. al.		
		US-6,902,416	June 7, 2005	Feldman		
		US-6,902,941	June 7, 2005	Sun		
		US-6,903,563	June 7, 2005	Yoshida, et. al.		
		US-6,906,506	June 14, 2005	Reano, et. al.		
		US-6,906,539	June 14, 2005	Wilson, et. al.		
		US-6,906,542	June 14, 2005	Sakagawa, et. al.		
		US-6,906,543	June 14, 2005	Lou, et. al.		
		US-6,907,149	June 14, 2005	Slater		
		US-6,908,364	June 21, 2005	Back, et. al.		
		US-6,909,297	June 21, 2005	Ji, et. al.		
		US-6,909,300	June 21, 2005	Lu, et. al.		
		US-6,909,983	June 21, 2005	Sutherland		
		US-6,910,268	June 28, 2005	Miller		
		US-6,911,814	June 28, 2005	Miller, et. al.		
↓		US-6,911,826	June 28, 2005	Plotnikov, et. al.	↓	↓

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Application Number	09/997,501
Filing Date	November 19, 2001
First Named Inventor	Hayden et al. -
Art Unit	2829
Examiner Name	TBD
Attorney Docket Number	1016.0073

Sheet 19 of 27

## U. S. PATENT DOCUMENTS

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EK		US-6,911,834	June 28, 2005	Mitchell, et. al.	
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		US-6,912,468	June 28, 2005	Marin, et. al.	
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				Art Unit	2829
				Examiner Name	TBD
Sheet	20	of	27	Attorney Docket Number	1016.0073

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Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear <i>Check</i>	
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Filing Date	November 19, 2001
First Named Inventor	Hayden et al.
Art Unit	2829
Examiner Name	TBD
Attorney Docket Number	1016.0073

Sheet	21	of	27
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Pages, Columns, Lines, Where Relevant, Passages or Relevant Chapters Figures Appear	Subclass
1-10	1-10
11-20	11-20
21-30	21-30
31-40	31-40
41-50	41-50
51-60	51-60
61-70	61-70
71-80	71-80
81-90	81-90
91-100	91-100

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				Art Unit	2829
				Examiner Name	TBD
Sheet	22	of	27	Attorney Docket Number	1016.0073

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				Art Unit	2829
				Examiner Name	TBD
Sheet	23	of	27	Attorney Docket Number	1016.0073

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Examiner Signature	<i>Ernest N. Karlson</i>	Date Considered	<i>Sept. 14, 2006</i>
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				Art Unit	2829
				Examiner Name	TBD
Sheet	24	of	27	Attorney Docket Number	1016.0073

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Examiner  
Signature

Ernest J. Karlsen

Date  
Considered

Sept. 14, 2006

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				Application Number	09/997,501
				Filing Date	November 19, 2001
				First Named Inventor	Hayden et al.
				Art Unit	2829
				Examiner Name	TBD
Sheet	27	of	27	Attorney Docket Number	1016.0073

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

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